

USN 10/066,595
Art Unit: 1723

Amendments to Claims

Please amend the claims as follows:

1.(cancelled)

2.(cancelled)

3.(cancelled)

4.(cancelled)

5.(cancelled)

6.(cancelled)

7.(cancelled)

8.(cancelled)

9.(cancelled)

10.(cancelled)

11.(cancelled)

12.(currently amended) An apparatus ~~mixer~~ for ~~mixing~~ adding a color syrup additive to a tempered, lipid-based formulation, comprising:

a storage tank containing said tempered lipid-based formulation;

a mixing body for evenly mixing said color syrup additive into said tempered, lipid-based formulation to form a mixture, said mixing body having an outlet tube for said mixture;

a feed tube coupled to said storage tank for feeding said tempered lipid-based formulation into said mixing body in a continuous stream;

USN 10/066,595

Art Unit: 1723

a reservoir for said color syrup additive;
an injection port located at a position within the interior of said feed tube so as to be
surrounded by said tempered lipid-based formulation as it flows into said mixing body; and
a cyclically operating pump connected to said reservoir for intermittently supplying said
color syrup additive from said reservoir to said injection port as said tempered, lipid-based
formulation flows through said feed tube so as to deposit discrete quantities of said color syrup
additive into said continuous stream of said tempered, lipid-based formulation;
wherein said mixer comprises a mixing body within which said color syrup additive is
thoroughly mixed with said tempered, lipid-based formulation; and a feed tube and an outlet tube
leading into and away from said mixing body, respectively;
a cyclically operating pump connected to a reservoir for said color syrup additive; and an
injection port located in said feed tube in a position so as to deposit discrete quantities of said
color syrup additive into the center of said feed tube while said tempered, lipid-based
formulation flows therethrough;
whereby a plurality of spaced apart discrete quantities of said color syrup additive are axially
located in said flowing continuous stream of lipid-based formulation as it enters said mixing
body through said feed tube; and
whereby and said lipid-based formulation mixture is evenly colored colored by said color syrup
additive as it exits said mixing body at said outlet tube.

13.(currently amended) The mixer apparatus of claim 12, wherein said mixing body is cylindrical, and comprises a plurality of fingers directed radially inwardly from the circumference thereof, and a plurality of interposed circular discs each having a diameter less than the diameter of the mixing body mounted axially along the length of the mixing body.

14.(currently amended) The mixer apparatus of claim 12, wherein said mixing body is a jacketed ribbon blender.

15.(currently amended) The mixer apparatus of claim ~~11~~12, wherein said cyclically operating pump is a proportional pump.

USN 10/066,595

Art Unit: 1723

16.(new). The apparatus of claim 12, wherein said injection port is centrally located within said feed tube.